



**Federal Communications Commission
Office of Engineering and Technology
Laboratory Division**

April 25, 2022

OVERVIEW OF REVISED RULES FOR U-NII DEVICES

The Commission initially revised the rules for U-NII devices in 2014 (FCC 14-30, ET Docket No. 13-49). Subsequently, the Commission updated some of the rules for devices operating in the U-NII-3 band on March 2, 2016. The rules adopted by FCC 16-24, ET Docket No. 13-49; are referred to in this document as “Current Rules”¹. The rules prior to FCC 16-24, ET Docket No. 13-49; are referred to in this document as “Old Rules”. The attached KDB publications have been prepared to provide guidance for demonstrating compliance with the current U-NII rules. The transition period has ended and all new devices must be approved under the “Current Rules”:

- All new devices or already approved devices seeking to add operations under Part 15 Subpart E must meet the requirements of the “Current Rules”.
- For new devices or already approved devices to add operations in the U-NII bands, the devices must be approved using the procedures described below:
 - Permissive changes will not be permitted in any of the U-NII bands for devices approved under the “Old Rules”, unless they meet the requirements of the “Current Rules”.
 - Devices approved partially or completely under the “Old Rules” cannot be marketed unless they meet the requirements of the “Current Rules” for all U-NII bands of operation.
 - For additional information on general requirements for devices, refer to KDB Publication 926956.
 - Grants for certification for devices under the Current Rules must clearly include note code ND if appropriate for Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements of Section 15.407(h).

¹“Current Rules” are based in the rules as of the date of this publication 905462 D07 Overview UNII Rules v02r01

OVERVIEW OF RELATED KDB PUBLICATIONS

Applications for new devices and permissive change applications for devices based on the new U-NII rules must use the following specific procedures:

- KDB 905462 D02 UNII DFS Compliance Procedures Current Rules v02 is used for all master devices including devices operating in bridge modes, mesh configurations, hotspot modes, etc. under the Current Rules. The frequency selection procedures for Bin 5 radars have been updated.
- KDB 905462 D03 UNII Clients Without Radar Detection Current Rules is used to demonstrate compliance with overall EMC standards. It is a re-designation of previous KDB Publication 848637.
- KDB 905462 D04 Operational Modes for DFS Testing Current Rules is used for test modes for DFS master devices. It is a re-designation of previous KDB Publication 594340.
- KDB 905462 D06 802.11 Channel Plans Current Rules is the channel plan under the Current Rules.
- KDB 789033 D02 General UNII Test Procedure Current Rules is used to demonstrate compliance with overall EMC standards.
- KDB 594280 D01 Software Configuration Control for non-SDR devices.
- KDB 594280 D02 U-NII Device Security Guidance is used for submitting software security information subject to the Current Rules.

Change Notice

04/08/2016: 905462 D07 Overview UNII Rules v01 has been replaced by 905462 D07 Overview UNII Rules v01r01. Modified transition date for U-NII-3 band.

08/22/2016: 905462 D07 Overview UNII Rules v01r01 has been replaced by 905462 D07 Overview UNII Rules v02 to reflect that the old rules can no longer be applied.

04/25/2022: 905462 D07 Overview UNII Rules v02 has been replaced by 905462 D07 Overview UNII Rules v02r01: requirements for note code 38, 39, 48 or 49 as appropriate, have been removed since they are no longer necessary as all device would need to comply with the current UNII requirements. Note code ND was added as appropriate for Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements of Section 15.407(h).